

Receiving Report

Date: 10/11/15

Batch No: M116135

Supplier: MAGNA

Dart P/O: 12894

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 101023 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12 [Signature]

Production/Admin: [Signature]
 Date: 10/11/15
 Received/Costing: [Signature]
 Initial: [Signature]

Location _____



Magna Stainless

5775 Kieran St, Saint-Laurent, Quebec H4S 0A3
Phone: (514) 339-1211 Watts: 1-800-363-6646 Fax: (514) 339-1105



PACKING LIST

Page 1 of 1

I035137

SOLD TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SHIP TO:
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SPECIAL INSTRUCTIONS

STOCK

Contact: CHANTAL

Ship Terms: PREPAID



Currency		Sales Person	Customer Phone	Customer Fax	Customer PO		
CANADIAN DOLLARS		DAVE MC VETY	(613) 632-5200	(613) 632-1053	12894		
Sales Order	Terms		Ship Via		Date Ordered	Date Required	Date Shipped
W038541	NET 30 DAYS		NIR:R-557065-1		11/11/10	11/15/10	11/15/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
1		PC	ALUMINUM FLATS AFL 6061 T6 3/4" x 1-1/2" x R/L ✓ 20' 27 LB / 1 PC	L041052	10430	1
1		PC	ALUMINUM SQUARE BAR ASQ 6061 T6 1-1/4" x R/L ✓ 20' 37 LB / 1 PC	L043813	11252	1
1		PC	STAINLESS FLATS SFL 304 HR 1/2" x 2-1/2" x R/L 13'3" 60 LB / 1 PC	L041556	83486	1
1		PC	SFL 304 HR 1/2" x 1-1/2" x R/L 13'9" 36 LB / 1 PC	L036741	80917	1
5		PC	STAINLESS ROUNDS SRB 303 3/4" x R/L ✓ 12' 93 LB / 5 PC	L043137	6WT3	5
3		PC	STAINLESS SHEET SSH 304 2B 18ga x 48" x 96" ✓ 201 LB / 3 PC	L040882	B7113-1020	3
Bundles: 2		Skids: 1	Approx Weight:		454 LB	

Received by: _____ Date: _____ Signature: _____



MILL TEST REPORT

CUSTOMER: MAGNA STAINLESS INC.
5775 RUE KIERAN
SAINT-LAURENT, QB H4S 0A3

SAMPLE (S) OF ALUMINUM

DIE NO.	S-4969
CUSTOMER ORDER NO.:	66864
CUSTOMER PART NO:	DT04969
DESCRIPTION	<u>1.5"X.750" FLAT BAR</u>
AL. ALLOY & TEMPER	<u>6061/T6</u>
EXTRUDEX ORDER NO.	124626-4-A.11
SPECIFICATION	<u>ASTM B221</u>
SILICON %	0.57
IRON %	0.20
COPPER %	0.18
MANGANESE %	0.07
MAGNESIUM %	0.83
CHROMIUM %	0.06
ZINC %	0.01
TITANIUM %	0.01
ALUMINUM %	REMAINDER
ALLOY TYPE %	<u>6061</u>
ALLOY CAST NO.	<u>10430</u>
YIELD STRENGTH (IN ksi)	37.5
TENSILE STRENGTH (IN ksi)	41.7
ELONGATION % IN 2"	15.0
HARDNESS (ROCKWELL 'F')	88.3 88.5 88.0

Soluhg

PO10616 - 10430

[Signature]
LUN CHEN
(LAB.-TECH.)
JULY-08-10

DATE:

C10218



TEL: (416)745-4444 FAX: (416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
<http://www.extrudex.com>

MILL TEST REPORT

BILL TO EXTRUDEX ALUMINUM (QUE) S.E.C.		Cert Code: 1	0.71	DIE NUMBER S 4763	DATE OF SHIPMENT 10/14/2010	EXTRUDEX ORDER NO. 127616 — 1	MANIFEST NO. 235278
SHIP TO MAGNA STAINLESS INC.		CUSTOMER PO 68173		ALLOY 6061	TEMPER T6	SALESMAN HOUSE ACCOUNTS	
SO DESCRIPTION 1.250" SQUARE		CUSTOMER PART NUMBER DT04763		PART DESCRIPTION 1.250" SQUARE		CERTIFICATION MILL TEST ASTM B221	

Mechanical Properties

Lot	Alloy	Test No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness	Conductivity
A.11	6061	9347	Oct/08/10	43.7	39.7	14.80	91.3,90.7,90.2	

Chemical Composition

Cast Number	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ga	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
A.11: 11252 6061	0.58	0.22	0.20	0.06	0.84	0.05	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00


David Natale
Quality Control Manager

8 10/16/23

MILL TEST REPORT

This MTR contains 1 page (Page# 1)

Customer: MAGDOR PO#:P010959 SO#:PH0093
Item:FB4L00320232 Bundle:VJA5636059 Heat#:83486

MTR#:VJFB91357811.GIF

M/S. VIRAJ PROFILES LTD.

F/QAD/08

VIRAJ®

10 Imperial Chambers, 1st Floor,
Wilson Road, Mumbai 400 038
INDIA

MILL'S CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
	L28579	PROF/913578/11	100000621006	16.06.2010
			GRADE T-304/304L	HEAT No 83486

BUNDLE NO :
5636059 ,5636060 ,5636061 ,5636062 ,5636063 ,5636064 ,5636065 ,5636066 ,5636067 ,5636068 .

DESCRIPTION

STAINLESS STEEL ANGLE AND FLAT BARS

HOT ROLLED ANNEALED & PICKLED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
2 1/2" X 1/2"	FLAT	ASTM A484	12' - 14'	171	9,829.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0210	1.900	0.440	0.0220	0.0340	18.100	8.090	0.2700	0.2500	0.0900	0.08200

TEST RESULTS

Tensile strength ksi	0.2% Yield Strength ksi	% Elongation	% Reduction area	Hardness BHN	Grain size no
93.0	44.0	49.0	60.0	190.0	7.00

SPECIFICATION:

MATERIAL CONFORMS TO ASTM-A276-06 COND. A, ASTM-A182-06 COND. A, ASME-SA182-01 COND. A, ASTM-A479/A479M-06a COND. A, ASME-SA479/A479M-00, COND. A, AMS-QQ5-763, COND. A, ASTM-A484/A484M-06b, AMS-5639 H / AMS-5647 H, UNS-S30400/UNS-S30403. MATERIAL PASSES IGC TEST AS PER ASTM A262-02a1, PRACTICE "B". GRAIN SIZE AS PER ASTM E112-96 (2004)e2. TEST CERTIFICATION IN ACCORDANCE WITH EN 10204:2003-3.1.

REMARKS

MATERIAL IS FREE FROM MERCURY CONTAMINATION, WELDING AND WELD REPAIRS
MACRO-SATISFACTORY. MICROSTRUCTURE-AUSTENITIC. SOLUTIONED ANNEALED TEMP. 1050C.
TREATED FOR 45 MINUTES & WATER QUENCHED. COUNTRY OF MELTING AND MANUFACTURING:INDIA

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

U K BARANWAL, GM (QA)

P010959-83486

C011676

MILL TEST REPORT

This MTR contains 1 page (Page: 1)

MTR#: VJFB90376507

Item#: FB4L00320132 Bundle#: VJ5609316 Heat#: 80917

M/S. VIRAJ PROFILES LTD.

F/QAD/08

VIRAJ[®]10 Imperial Chambers, 1st Floor,
Wilson Road, Mumbai 400 038
INDIA

MILL'S CERTIFICATE

CUSTOMER	ORDER NO	PACKING LIST NO	INSPECTION NO	DATE
		PROF/903765/7	100000159412	24.08.2009
			GRADE T-304/304L	HEAT No 80917

BUNDLE NO :
5609315 ,5609316 ,5609317 ,5609318 ,5609319 ..

DESCRIPTION

STAINLESS STEEL FLAT BARS

HOT ROLLED ANNEALED & PICKLED

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT
1 1/2" X 1/2"	FLAT	ASTM A484	12' - 14'	140	4,978.000 LB

CHEMICAL ANALYSIS

%C	%Mn	%Si	%S	%P	%Cr	%Ni	%Cu	%Mo	%Co	%N2
0.0200	1.760	0.420	0.0190	0.0360	18.440	8.100	0.6000	0.3600	0.1500	0.09500

TEST RESULTS

Tensile strength ksi	Proof stress (rp=0.2 %) ksi	% Elongation %	% Reduction area %	Hardness BHN	Grain size no
96.0	45.0	46.0	57.0	196.0	8.00

SPECIFICATION:

MATERIAL CONFORMS TO ASTM-A276-06 COND. A, ASTM-A182-06 COND. A, ASME-SA182-01 COND. A, ASTM-A479/A479M-06a COND. A, ASME-SA479/A479M-00, COND. A, AMS-QQ5-763, COND. A, ASTM-A484/A484M-06b, AMS-5639 H / AMS-5647 H, UNS-S-30400/UNS-S-30403. MATERIAL PASSES IGC TEST AS PER ASTM A262-02a63, PRACTICE "E". GRAIN SIZE AS PER ASTM E112-96 (2004)2. TEST CERTIFICATION IN ACCORDANCE WITH EN 10204:2005-3.1.

REMARKS

RADIOACTIVITY TEST: ALL THE ABOVE MATERIAL IS TESTED FOR RADIOACTIVITY AND FOUND WITHIN THE LIMIT OF BACKGROUND RADIATION. MATERIAL IS FREE FROM MERCURY CONTAMINATION, WELDING & WELD REPAIRS.

We hereby certify that the material described above has been tested and complies with the terms of order/contract.

UK BARANWAL, GM (QA)



6870 HIGHWAY 42 EAST

METALLURGICAL TEST REPORT

P11558-6WT3

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

05378

Certificate: 587934 2
Customer: 007420 001
Mail To:
MAGNA STAINLESS
5775 KIERAN STREET
SAINT LAURENT, QC H4S0A3

Ship To:
MAGNA STAINLESS
5775 KIERAN STREET
SAINT LAURENT, QC H4S0A3

Date: 9/23/2010 Page: 1

Steel: 303

Finish: CD

Your Order: P011558

NAS Order: IN 0102414 07

Corrosion:

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1B, ASTM A484/08
AMS 5640U TYPE 1, QQS-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DFARS EU DIRECTIVE 2002.95.
EC. RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BD0034 3		.7500		1,340	144.00	9	1	

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	AL	C	CB	CO	CR	CU	MN	MO	N
6WT3	US	.0030	.0575	.0150	.1500	17.6450	.3860	1.6990	.2115	.0524
	NI	P	S	SI	TI					
	8.5985	.0290	.3780	.5400	.0020					

MECHANICAL PROPERTIES

Product Id	1 d	o i	HB	.2YS	UTS	RA	Elong
	c r	No.	KSI	KSI	%	%	
BD0034 3	R L	200.00	79.87	102.81	57.25	45.15	

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER

ERIC HESS

9/23/2010

P009642

INSPECTION CERTIFICATE

C8307

CERTIFICATE NO.: SK-99040

CUSTOMER: MAGNA STAINLESS INC(DIV OF CANADIAN SPECIALTY METALS INC.)

VOICE NO.: SSCAE40302TE9

CREDIT NUMBER: I700625

DESCRIPTION: STAINLESS STEEL SHEETS

JUN 01 2010

P/L NO.	SIZE	PCS	N.W. (KG)	SPEC	HEAT NO.	REFERENCE NO.
59	0.9mm (20ga) X 1219mm (48") X 3048mm (120")	86	2256	304 / 2B	A0639-2010	F8055
60	0.9mm (20ga) X 1219mm (48") X 3048mm (120")	86	2259	304 / 2B	A0639-2010	F8055
61	1.2mm (18ga) X 1219mm (48") X 2438mm (96")	87	2428	304 / 2B	B7113-1020	F8209
62	1.2mm (18ga) X 1219mm (48") X 3048mm (120")	64	2232	304 / 2B	B7113-1020	F8209
63	1.2mm (18ga) X 914mm (36") X 3048mm (120")	51	1342	304 / 2B	YU256274	93S51062B
64	1.5mm (16ga) X 1219mm (48") X 2438mm (96")	70	2433	304 / 2B	A0587-3030	F8139
65	1.5mm (16ga) X 1219mm (48") X 2438mm (96")	70	2434	304 / 2B	A0587-3030	F8139
66	1.5mm (16ga) X 1219mm (48") X 2438mm (96")	70	2435	304 / 2B	A0587-3030	F8139
67	1.5mm (16ga) X 1219mm (48") X 2438mm (96")	58	2013	304 / 2B	A0587-3030	F8139
68	1.5mm (16ga) X 1219mm (48") X 3048mm (120")	51	2218	304 / 2B	A0587-3030	F8139

Chemical Composition

Mechanical Test

P/L NO.	C	Si	Mn	P	S	Ni	N	Cr	Mo	Y.S.(0.2%) N/mm2	T.S. N/mm2	Elongation.%	HRB
59	0.048	0.526	1.139	0.031	0.006	8.136	0.0590	18.0510	-	283	640	54.3	80.6
60	0.048	0.526	1.139	0.031	0.006	8.136	0.0590	18.0510	-	283	640	54.3	80.6
61	0.047	0.447	1.207	0.032	0.004	8.017	0.0500	18.1500	-	295	629	54.7	82.0
62	0.047	0.447	1.207	0.032	0.004	8.017	0.0500	18.1500	-	295	629	54.7	82.0
63	0.043	0.520	1.110	0.030	0.001	8.100	0.0250	18.1300	-	306	685	51.0	87
64	0.046	0.421	1.183	0.029	0.005	8.133	0.0560	18.1880	-	303	643	53.3	85.7
65	0.046	0.421	1.183	0.029	0.005	8.133	0.0560	18.1880	-	303	643	53.3	85.7
66	0.046	0.421	1.183	0.029	0.005	8.133	0.0560	18.1880	-	303	643	53.3	85.7
67	0.046	0.421	1.183	0.029	0.005	8.133	0.0560	18.1880	-	303	643	53.3	85.7
68	0.046	0.421	1.183	0.029	0.005	8.133	0.0560	18.1880	-	303	643	53.3	85.7

Remark: 1. We hereby certify that the products described herein have been manufactured and tested with satisfactory results in accordance with the requirement of the above material specification.

2. As per ASTM A240/480 standard.

3. The material described above has been detected with free irradiation.

Q.C. MANAGER

Jui



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO12894**

Purchase Order Date 11/09/10

PO Print Date 11/09/10

Page Number 1 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 363 6646	Requisition Nbr	
Vendor Fax	514 339 1105	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAKED
Calvin

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304S18GA	304/316 .050 Sheet	11/12/10 Yes	96.00 sf	Yours ppd	\$4.4375	\$426.00
		Special Inst:	MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINNISH AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 <i>10/14/15</i>				
2	M304B0.500X2.500	304 BAR .500 x 2.50 <i>OK</i>	11/12/10 Yes	12.00 f <i>13-3 Kc</i>	Yours ppd	\$13.7500	\$165.00
		Special Inst:	MATERIAL: AISI 304/316 SS BAR NOTE: 303 NOT ACCEPTABLE				
3	M304B0.500X1.500	304 BAR .500 x 1.50	11/12/10 Yes	12.00 f <i>13-9 Nec.</i>	Yours ppd	\$8.4167	\$101.00
		Special Inst:	MATERIAL: AS ABOVE				

Change Nbr: 1

Change Date: 11/09/10

[Signature]
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO12894**

Purchase Order Date 11/09/10

PO Print Date 11/09/10

Page Number 2 of 2

Order From :

VC-MAG002

MAGNA STAINLESS
5775 RUE KIERAN
ST LAURENT, QC H4S 0A3
CA

Contact Name

Vendor Phone

800 363 6646

Vendor Fax

514 339 1105

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

4	M303R0.750	303 Round Bar 0.750	11/12/10	✓	60.00	Yours ppd	\$3.9166	\$235.00
			Yes		f			

Special Inst: MATERIAL: AISI 303 SS ROUND BAR
NOTE: AISI 304/316 NOT ACCEPTABLE

5	M6061T6B0.750X01.500	6061-T6 Bar .750 X 1.50	11/12/10	✓	20.00	Yours ppd	\$2.7000	\$54.00
			Yes		f			

Special Inst: MATERIAL: 6061-
T6T651/T6510/T6511/T62 ALUMINUM
BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128 OR
4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-
200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

6	<u>M6061T6B1.250X01.250</u>	6061-T6 Bar 1.25 x 1.25	11/12/10	✓	20.00	Yours ppd	\$3.7720	\$75.44
			Yes		f			

Special Inst: MATERIAL: AS ABOVE

PO Total:

\$1,056.44

MATERIAL CERTIFICATION
REQ'D UPON DELIVERY

Change Nbr: 1

Change Date: 11/09/10

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WW.WWW |
THICK | WIDTH |

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

REFERENCE ONLY

RELEASED
2009-09-03

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (Zn D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M6061T6B TITLE 6061-T6 BAR SCALE NTS COPYRIGHT © 2001 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DRAWN	DS		
CHECKED	DS		
MFG. APPR.	DS		
DE APPR.	DS		
DATE	09.07.13	REV. B SHEET 1 OF 1	

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
2B FINISH

SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

PART NUMBER: M304S TT GA
GA

WHERE "TT" = GAUGE THICKNESS

EG. 16 GAUGE SS SHEET = M304S16GA

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176

REFERENCE ONLY

RELEASED
09/06/01

B	REFORMAT DWG, ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 08-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.06.01		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B SHEET 1 OF 1	
DRAWING NO. M304S		SCALE NTS	
TITLE 304/316 SS SHEET			
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SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS BAR
(NOTE: AISI 303 NOT ACCEPTABLE)



SPECIFICATION: ASTM A276

PART NUMBER: M304B | T.TTT | THICK | WW.WWW | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
AND "WW.WWW" = WIDTH IN INCHES

EG. 0.5" x 3.0" BAR = M304B0.500X03.000

REFERENCE ONLY

RELEASED
09/04/25

B	REFORMAT DWG, ADD SPECS (ZN D6-1), REF PAR 08-020A	CP	09.07.15
A	NEW ISSUE	PH	05.06.10
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. M304B TITLE 304/316 BAR SCALE NTS SHEET 1 OF 1 REV. B COPYRIGHT © 2005 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES BE LOANED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DRAWN	PH		
CHECKED	PH		
MFG. APPR.	PH		
APPROVED	PH		
DE APPR.	PH		
DATE	09.07.15		

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 303 SS ROUND BAR
(NOTE: AISI 304/316 NOT ACCEPTABLE)



SPECIFICATION: ASTM A582

PART NUMBER: M303R[D.DDD]
DIA.

WHERE "D.DDD" = DIAMETER IN INCHES

EG. 0.75" ROUND BAR = M303R0.750

REFERENCE ONLY
6

RELEASED
2010-02-02
MD

B	REFORMAT DWG. ADD SPECS (ZN D8-1). REF PAR 08-020A	CP	10.01.05
A	NEW ISSUE	DS	01.12.20
REV.	DESCRIPTION	BY	DATE
DESIGN		DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN		DRAWING NO.	REV. B
CHECKED		M303R	SHEET 1 OF 1
MFG. APPR.		TITLE	SCALE
APPROVED		303 ROUND BAR	NTS
DE APPR.		COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	
DATE	10.01.05		

Chantal Lavoie

From: Christina Antoniou [cantoniou@magnastainless.com]
Sent: November 8, 2010 4:47 PM
To: Chantal Lavoie
Cc: John Kooiman
Subject: RE: quote

Hello Chantal,

Please see below for pricing:

Thanks !

Christina Antoniou
Magna Inoxydable et Aluminium
ventes internes aérospatiale/inside sales aerospace
5775 rue Kieran
St Laurent QC, H4S 0A3
Tel: (514) 339-1211 Fax: (514)339-1105
www.magnastainless.com

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: November 4, 2010 12:57 PM
To: Christina Antoniou
Subject: quote

Hi Christina,
Please advise price & delivery on material.

6061-t6 bar .750" x 1.5" x 24 ft \$ 54.00 each length 20' lg stock
6061-t6 bar 1.250" x 1.250" x 24 ft \$ 75.44/each length 20'lg stock
304 bar .500" x 2.500" x 12 ft \$ 165.00/each bar 12' lg Hot rolled Stock ✓
304 bar .500" x 1.500" x 12 ft \$ 101.00/each bar 12' lg Hot rolled stock ✓

Thanks
Chantal

Chantal Lavoie

From: Christina Antoniou [cantoniou@magnastainless.com]
Sent: November 1, 2010 1:56 PM
To: Chantal Lavoie
Subject: RE: QUOTE

304B . 500 x 2 - 1/2" x 24' +
 304B . 500 x 1-1/2 x 12' +

Hello Chantal,

~~Item 1, can only offer 26 ga (.018) x 48 x 96 \$ 63.20/each Stock~~

Item 2: Offer 3 sheets 48 x 96 \$ 142.00/each Stock 4.4375 ✓

Item 3: \$ 47.00/each bar offer 5 bars 12' lg Stock 3.9166 ✓

Thank you !

304 1/2" x 24' 16' ✓
 1/2" x 11/2 8 FT ✓
 112 12 FT ✓

Christina Antoniou

Magna Inoxydable et Aluminium

ventes internes aérospatiale/inside sales aerospace

5775 rue Kieran

St Laurent QC, H4S 0A3

Tel: (514) 339-1211 Fax: (514) 339-1105

www.magnastainless.com

From: Chantal Lavoie [mailto:clavoie@dartaero.com]
Sent: November 1, 2010 1:28 PM
To: Christina Antoniou
Subject: QUOTE

Hi Christina,

Please advise price & delivery on material.

~~304 sheet 25ga x 32 sf~~ ✓

304 sheet 18ga x 96sf ✓

303 round bar .750" x 60 ft ✓

Thanks
 Chantal

M304S 252A x32SF

3045 189A x96SF

FG-778150-550-ROL	24	-38	1842.75	120
FL-100-R	1	0	0	0
FW10-032	16	0	356	10
FW4-032	6	0	94	10
GP-211	8	0	32	0
HW210	1	0	19	4
HX-15	26	0	50	20
HX-16	12	0	100	20
HX-81	10	0	34	12
K10021	3	0	0	1
LED-50-17-BG-E0705	2	0	3	5
M1018TR1.250W.109	3.684210526	0	14.21	0
M12883/45-01	3	0	5	4
M174B0.500X02.000	3.023510526	0	59.3351	20
M174B1.250X02.000	6.794383149	0	25.93765	20
M174B2.000X01.500	2.412105263	0	10.67	12
M174PH-H900B3.937X4.750	18.42517316	0	22.8	8
M174PH-H900R1.000	91.97729118	0	11.62	4
M174PH-H900R1.375	88.28926316	0	34.4	4
M2024T3S.040	340.1459158	0	298.04	64
M2650-6	29.84286747	0	67	30
M303B1.000X2.000	1.83159	0	17.68421	6
M303B2.000X1.750	2.823154211	0	14.07897	10
M303R0.375	6.324736842	0	36	12
M303R0.500	6.792922695	0	24.8	20
M303R0.750	100.2757897	0	75.231216	60
M304B0.500X012.000	8.711031579	0	2.941	2
M304B0.500X2.500	414.5967105	0	51.845	12
M304EX0.75-16F	203.6738395	0	1020.601033	192
M304R1.00	8.210526316	0	0	0
M304R0.750	18.09315789	0	29.09473684	24
M304S12GA	67.68030015	0	195.3	32
M304S26GA	25.73816644	0	140.04	32
M304TR0.750W.065	1.212994737	0	63.5	24
M304TR1.000W.065	5.355789469	0	44.77247368	12
M304TS0.500W.049	63.76679538	0	421.8700258	120
M304TS0.750W.049	267.2088022	0	298.6790048	120
M4130NB0.500X03.000	41.77921053	0	28.725	40
M4130NT0.500W.049	5.722631579	0	67.333	10
M4130NT0.750W.049	37.19178947	0	139.1667	30
M4140N-B1.500X1.5000	9.24	0	24	6
M6061T6A1.000W.125	18.88032159	0	50.93474264	0
M6061T6B0.250X06.000	6.348368421	0	18.448	12
M6061T6B0.375X00.750	3.873942105	0	18.1471	12
M6061T6B0.500X05.000	28.41631579	0	41.7636	12
M6061T6B0.500X06.000	21.61113684	0	43.2814	24
M6061T6B0.750X00.250	5.619157895	0	16.5	12
M6061T6B0.750X00.750	6.501872109	0	24.5883	24
M6061T6B0.750X01.500	5.339880738	0	19.1973	24
M6061T6B00750X00.125	14.98461579	0	54.1243	80
M6061T6B1.000X02.000	16.67269474	0	65.0503	40
M6061T6B1.000X04.000	30.24281053	0	69.7988	12

6084

TRANSMISSION VERIFICATION REPORT

TIME : 11/09/2010 16:26
NAME :
FAX :
TEL :
SER.# : F9N212739

DATE, TIME	11/09 16:25
FAX NO./NAME	15143391105
DURATION	00:00:31
PAGE(S)	02
RESULT	OK
MODE	STANDARD ECM